

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF THE CLAIMS:

1. (Currently Amended) A synchronizer ring (10) having a support body (5) made from metal, comprising a conical friction surface (9), and having a friction layer (14) of a material comprising carbon fibers applied to the friction surface (9), wherein the material is a compacted fiber reinforced plastic, the thickness of the friction layer (14) being from 0.2 mm to 0.6 mm, and the carbon fiber (8) reinforced plastic is compacted such that under a surface pressure of 10 N/mm² the friction layer (14) undergoes a change in thickness of less than 0.015 mm.

Claim 2 (Cancelled).

3. (Previously Presented) The synchronizer ring (10) as claimed in claim 1 wherein the material is produced from a carbon fiber fabric (8) and a resin.

4. (Previously Presented) The synchronizer ring (10) as claimed in claim 3, wherein the material is heat-treated so as to convert a resin fraction into carbon.

5. (Previously Presented) The synchronizer ring (10) as claimed in claim 4, wherein the carbon is in an amorphous and/or graphite form.

6. (Previously Presented) The synchronizer ring (10) as claimed in claim 4 wherein the converted carbon is fixed by said resin.
7. (Previously Presented) The synchronizer ring (10) as claimed in claim 1, wherein the friction layer (14) is adhesively bonded to the friction surface (9).
8. (Previously Presented) The synchronizer ring (10) as claimed in claim 1, wherein the support body (5) is made from the metal selected from the group of materials consisting of brass, steel, sintered steel, or a brass-steel composite.
9. (Currently Amended) The synchronizer ring (1) as claimed in claim ~~[[2]]~~ 1, wherein the change in thickness of the friction layer (14) is less than 0.01 mm.
10. (Previously Presented) The synchronizer ring (1) as claimed in claim 3, wherein said resin is a phenolic resin.